

InÃ©s Ponce de LeÃ³n

List of Publications by Year in descending order

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32
papers

1,594
citations

331642

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h-index

434170

31
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all docs

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docs citations

33
times ranked

1800
citing authors

#	ARTICLE	IF	CITATIONS
1	Involvement of the Arabidopsis <i>Î±</i> -DOX1 fatty acid dioxygenase in protection against oxidative stress and cell death. <i>Plant Journal</i> , 2002, 29, 61-72.	5.7	135
2	Salicylic acid and the plant pathogen <i>Erwinia carotovora</i> induce defense genes via antagonistic pathways. <i>Plant Journal</i> , 1997, 11, 115-123.	5.7	126
3	The <i>Physcomitrella patens</i> gene atlas project: large-scale RNA-seq based expression data. <i>Plant Journal</i> , 2018, 95, 168-182.	5.7	115
4	Pythium infection activates conserved plant defense responses in mosses. <i>Planta</i> , 2009, 230, 569-579.	3.2	110
5	<i>Physcomitrella patens</i> activates reinforcement of the cell wall, programmed cell death and accumulation of evolutionary conserved defence signals, such as salicylic acid and 12-oxo-phytodienoic acid, but not jasmonic acid, upon <i>Botrytis cinerea</i> infection. <i>Molecular Plant Pathology</i> , 2012, 13, 960-974.	4.2	105
6	Activation of Defense Mechanisms against Pathogens in Mosses and Flowering Plants. <i>International Journal of Molecular Sciences</i> , 2013, 14, 3178-3200.	4.1	104
7	<i>Erwinia carotovora</i> elicitors and <i>Botrytis cinerea</i> activate defense responses in <i>Physcomitrella patens</i> . <i>BMC Plant Biology</i> , 2007, 7, 52.	3.6	102
8	<i>Î±</i> -Dioxygenases. <i>Biochemical and Biophysical Research Communications</i> , 2005, 338, 169-174.	2.1	76
9	An Innate Immunity Pathway in the Moss <i>Physcomitrella patens</i> . <i>Plant Cell</i> , 2016, 28, 1328-1342.	6.6	73
10	<i>Xanthomonas axonopodis</i> pv. <i>citri</i> enters the VBNC state after copper treatment and retains its virulence. <i>FEMS Microbiology Letters</i> , 2009, 298, 143-148.	1.8	69
11	<i>Physcomitrella patens</i> Activates Defense Responses against the Pathogen <i>Colletotrichum gloeosporioides</i> . <i>International Journal of Molecular Sciences</i> , 2015, 16, 22280-22298.	4.1	56
12	Adaptation Mechanisms in the Evolution of Moss Defenses to Microbes. <i>Frontiers in Plant Science</i> , 2017, 8, 366.	3.6	45
13	Activation of Shikimate, Phenylpropanoid, Oxylipins, and Auxin Pathways in <i>Pectobacterium carotovorum</i> Elicitors-Treated Moss. <i>Frontiers in Plant Science</i> , 2016, 7, 328.	3.6	43
14	Oxylipins in moss development and defense. <i>Frontiers in Plant Science</i> , 2015, 6, 483.	3.6	42
15	Functional Analysis of <i>Î±</i> -DOX2, an Active <i>Î±</i> -Dioxygenase Critical for Normal Development in Tomato Plants. <i>Plant Physiology</i> , 2009, 151, 1421-1432.	4.8	39
16	Fatty acid <i>Î±</i> -dioxygenases. <i>Prostaglandins and Other Lipid Mediators</i> , 2002, 68-69, 363-374.	1.9	38
17	Moss Pathogenesis-Related-10 Protein Enhances Resistance to <i>Pythium irregulare</i> in <i>Physcomitrella patens</i> and <i>Arabidopsis thaliana</i> . <i>Frontiers in Plant Science</i> , 2016, 7, 580.	3.6	37
18	Genome-wide analysis of the soybean CRK-family and transcriptional regulation by biotic stress signals triggering plant immunity. <i>PLoS ONE</i> , 2018, 13, e0207438.	2.5	36

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19	Toward a global database for the molecular typing of <i>Saccharomyces cerevisiae</i> strains. <i>FEMS Yeast Research</i> , 2008, 8, 472-484.	2.3	34
20	Multiple defence signals induced by <i>Erwinia carotovora</i> ssp. <i>carotovora</i> elicitors in potato. <i>Molecular Plant Pathology</i> , 2005, 6, 541-549.	4.2	33
21	The Moss <i>Physcomitrella patens</i> as a Model System to Study Interactions between Plants and Phytopathogenic Fungi and Oomycetes. <i>Journal of Pathogens</i> , 2011, 2011, 1-6.	1.4	26
22	Soybean Stem Canker Caused by <i>Diaporthe caulivora</i> ; Pathogen Diversity, Colonization Process, and Plant Defense Activation. <i>Frontiers in Plant Science</i> , 2019, 10, 1733.	3.6	24
23	The <i>Physcomitrella patens</i> unique alpha-dioxygenase participates in both developmental processes and defense responses. <i>BMC Plant Biology</i> , 2015, 15, 45.	3.6	21
24	Transcriptional profiling reveals conserved and species-specific plant defense responses during the interaction of <i>Physcomitrium patens</i> with <i>Botrytis cinerea</i> . <i>Plant Molecular Biology</i> , 2021, 107, 365-385.	3.9	20
25	Moss transcription factors regulating development and defense responses to stress. <i>Journal of Experimental Botany</i> , 2022, 73, 4546-4561.	4.8	18
26	<i>Botrytis cinerea</i> Transcriptome during the Infection Process of the Bryophyte <i>Physcomitrium patens</i> and Angiosperms. <i>Journal of Fungi (Basel, Switzerland)</i> , 2021, 7, 11.	3.5	15
27	Synthesis of 3-oxalinoic acid and β^2 -oxidation-resistant 3-oxa-oxylipins. <i>Lipids</i> , 2006, 41, 499-506.	1.7	14
28	Comparative genomics of plant pathogenic <i>Diaporthe</i> species and transcriptomics of <i>Diaporthe caulivora</i> during host infection reveal insights into pathogenic strategies of the genus. <i>BMC Genomics</i> , 2022, 23, 175.	2.8	12
29	<i>Physcomitrium patens</i> Infection by <i>Colletotrichum gloeosporioides</i> : Understanding the Fungal-Bryophyte Interaction by Microscopy, Phenomics and RNA Sequencing. <i>Journal of Fungi (Basel)</i> , 2022, 8, 1315.	1.0	10
30	ROS-Scavenging Enzymes as an Antioxidant Response to High Concentration of Anthracene in the Liverwort <i>Marchantia polymorpha</i> L. <i>Plants</i> , 2021, 10, 1478.	3.5	8
31	The Impact of Irrigation on Olive Fruit Yield and Oil Quality in a Humid Climate. <i>Agronomy</i> , 2022, 12, 313.	3.0	7
32	Coevolution of Bryophytes and their Associated Microorganisms. <i>Advances in Environmental Microbiology</i> , 2021, 1, 627-633.	0.3	1